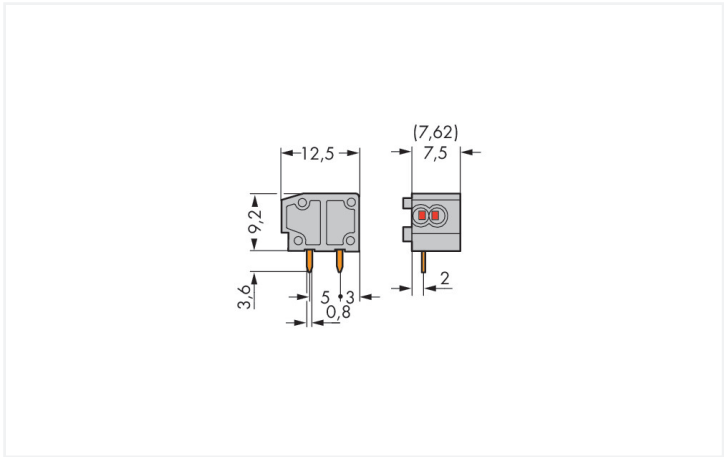




Color: ■ gray



Dimensions in mm

PCB terminal block, 235 Series, PUSH WIRE®

Easily, quickly and safely connect conductors with this PCB terminal block (item number 235-551). It offers the flexibility needed for different mounting types. Strip lengths must be between 9 and 10 mm when connecting conductors to this PCB terminal block. This product features one conductor terminal and utilizes PUSH WIRE®. Our PUSH WIRE® connection offers a simple and reliable method for connecting solid conductors. Dimensions: (9 x 12.8 x 12.5) mm (width x height x depth). Depending on the type of conductor, this PCB terminal block is suitable for conductor cross sections ranging from 0.25 mm² to 0.75 mm². The contact surface is coated with tin. An operating tool is used to operate this PCB terminal block. THT is used to assemble the PCB terminal block. The conductor is designed to be inserted into the board at a 0° angle..

| Notes     |                                                                                                                                                                              |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Variants: | Other colors<br>Other versions (or variants) can be requested from WAGO Sales or configured at <a href="https://configurator.wago.com/">https://configurator.wago.com/</a> . |

| Electrical data                 |  |                |       |        |
|---------------------------------|--|----------------|-------|--------|
| Ratings per                     |  | IEC/EN 60664-1 |       |        |
| Overvoltage category            |  | III            | III   | II     |
| Pollution degree                |  | 3              | 2     | 2      |
| Nominal voltage                 |  | 400 V          | 630 V | 1000 V |
| Rated impulse withstand voltage |  | 6 kV           | 6 kV  | 6 kV   |
| Rated current                   |  | 10 A           | 10 A  | 10 A   |
| Approvals per                   |  | UL 1059        |       |        |
| Use group                       |  | B              | C     | D      |
| Rated voltage                   |  | 300 V          | -     | 300 V  |
| Rated current                   |  | 10 A           | -     | 10 A   |
| Approvals per                   |  | CSA            |       |        |
| Use group                       |  | B              | C     | D      |
| Rated voltage                   |  | 300 V          | -     | -      |
| Rated current                   |  | 10 A           | -     | -      |

| Physical data           |                                |
|-------------------------|--------------------------------|
| Pin spacing             | 7.5/7.62 mm / 0.295/0.3 inches |
| Width                   | 9 mm / 0.354 inches            |
| Height                  | 12.8 mm / 0.504 inches         |
| Height from the surface | 9.2 mm / 0.362 inches          |
| Depth                   | 12.5 mm / 0.492 inches         |
| Solder pin length       | 3.6 mm                         |
| Solder pin dimensions   | 0.8 x 0.4 mm                   |
| !                       | 1 <sup>(+0.1)</sup> mm         |

| Material data                      |                                                                          |
|------------------------------------|--------------------------------------------------------------------------|
| Note (material data)               | <a href="#">Information on material specifications can be found here</a> |
| Color                              | gray                                                                     |
| Material group                     | I                                                                        |
| Insulation material (main housing) | Polyamide (PA66)                                                         |
| Flammability class per UL94        | V0                                                                       |
| Clamping spring material           | Chrome-nickel spring steel (CrNi)                                        |
| Contact material                   | Electrolytic copper (E <sub>Cu</sub> )                                   |
| Contact Plating                    | Tin                                                                      |
| Fire load                          | 0.015 MJ                                                                 |
| Weight                             | 0.8 g                                                                    |

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Version 28.01.2026
Continued on next page



| Commercial data       |                                |  |
|-----------------------|--------------------------------|--|
| Product Group         | 4 (Printed Circuit Connectors) |  |
| PU (SPU)              | 600 (100) pcs                  |  |
| Packaging type        | Box                            |  |
| Country of origin     | CN                             |  |
| GTIN                  | 4044918831246                  |  |
| Customs tariff number | 85369010000                    |  |

| Product Classification |                      |  |
|------------------------|----------------------|--|
| UNSPSC                 | 39121409             |  |
| eCl@ss 10.0            | 27-44-04-01          |  |
| eCl@ss 9.0             | 27-44-04-01          |  |
| ETIM 9.0               | EC002643             |  |
| ETIM 10.0              | EC002643             |  |
| ECCN                   | NO US CLASSIFICATION |  |

| Environmental Product Compliance |                         |  |
|----------------------------------|-------------------------|--|
| RoHS Compliance Status           | Compliant, No Exemption |  |

Approvals / Certificates

| General approvals                                                                                                                                                      |          |                  | Declarations of conformity and manufacturer's declarations |          |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|------------------------------------------------------------|----------|------------------|
|   |          |                  |                                                            |          |                  |
| Approval                                                                                                                                                               | Standard | Certificate Name | Approval                                                   | Standard | Certificate Name |
| CCA<br>DEKRA Certification B.V.                                                                                                                                        | EN 60947 | NTR NL-7144      | EU-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG    | -        | -                |
| CCA<br>DEKRA Certification B.V.                                                                                                                                        | EN 60998 | NTR NL 6919      | UK-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG    | -        | -                |
| KEMA/KEUR<br>DEKRA Certification B.V.                                                                                                                                  | EN 60947 | 2160584.38       |                                                            |          |                  |

Approvals for marine applications

|    |          |                   |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------|--|--|--|
| Approval                                                                                                                                                                                                                                                   | Standard | Certificate Name  |  |  |  |
| ABS<br>American Bureau of Ship-<br>ping                                                                                                                                                                                                                    | -        | 24-0095975-PDA    |  |  |  |
| DNV<br>DNV GL SE                                                                                                                                                                                                                                           | -        | TAE000016Z        |  |  |  |
| PRS<br>Polski Rejestr Statków                                                                                                                                                                                                                              | -        | TE/1095/880590/23 |  |  |  |



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 235-551

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Documentation

Additional Information

Technical Section

03.04.2019

pdf

2027.26 KB

↓

CAD/CAE-Data

CAD data

2D/3D Models 235-551

↓

CAE data

EPLAN Data Portal 235-551

↓

ZUKEN Portal 235-551

↓

PCB Design

Symbol and Footprint via SamacSys 235-551

↓

Symbol and Footprint via Ultra Librarian 235-551

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1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

1.1.1.1 End plate



Item No.: 235-100  
End plate; snap-fit type; 1 mm thick; gray



1.2 Optional Accessories

1.2.1 Ferrule

1.2.1.1 Ferrule

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>Item No.: 216-241</b><br>Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white    | <br><b>Item No.: 216-141</b><br>Ferrule; Sleeve for 0.5 mm² / 20 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92      | <br><b>Item No.: 216-242</b><br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray    | <br><b>Item No.: 216-262</b><br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray          |
| <br><b>Item No.: 216-142</b><br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92       | <br><b>Item No.: 216-243</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red      | <br><b>Item No.: 216-263</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red     | <br><b>Item No.: 216-143</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92                   |
| <br><b>Item No.: 216-244</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black | <br><b>Item No.: 216-264</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black  | <br><b>Item No.: 216-284</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black | <br><b>Item No.: 216-144</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored |
| <br><b>Item No.: 216-289</b><br>Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red        | <br><b>Item No.: 216-209</b><br>Ferrule; Sleeve for 10 mm² / AWG 8; un-insulated; electro-tin plated; red                                                                           | <br><b>Item No.: 216-109</b><br>Ferrule; Sleeve for 10 mm² / AWG 8; un-insulated; electro-tin plated                                                                                  | <br><b>Item No.: 216-210</b><br>Ferrule; Sleeve for 16 mm² / AWG 6; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue                |
| <br><b>Item No.: 216-110</b><br>Ferrule; Sleeve for 16 mm² / AWG 6; un-insulated; electro-tin plated; brown metallic                                                                | <br><b>Item No.: 216-246</b><br>Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue | <br><b>Item No.: 216-266</b><br>Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue   | <br><b>Item No.: 216-286</b><br>Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue            |
| <br><b>Item No.: 216-106</b><br>Ferrule; Sleeve for 2.5 mm² / AWG 14; un-insulated; electro-tin plated; silver-colored                                                              | <br><b>Item No.: 216-267</b><br>Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray   | <br><b>Item No.: 216-287</b><br>Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray     | <br><b>Item No.: 216-207</b><br>Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; gray                                                                                      |
| <br><b>Item No.: 216-107</b><br>Ferrule; Sleeve for 4 mm² / AWG 12; un-insulated; electro-tin plated                                                                                | <br><b>Item No.: 216-208</b><br>Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow | <br><b>Item No.: 216-288</b><br>Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow   | <br><b>Item No.: 216-108</b><br>Ferrule; Sleeve for 6 mm² / AWG 10; un-insulated; electro-tin plated; silver-colored                                                                         |

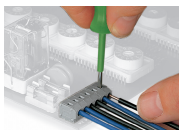
## Installation Notes

### Conductor termination



Inserting a solid conductor via push-in termination.

### Conductor removal



Removing a conductor via screwdriver (2.5 mm blade width).